

Installation Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS

Warning! To reduce the risk of FIRE OR INJURY TO PERSONS:

- Do not touch luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
- Lamp gets **HOT** quickly! Contact only switch/plug when turning on.
- Do not touch hot lens, body, cap, or knuckle.
- Keep lamp away from materials that may burn.
- Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
- Do not operate the luminaire with damaged or missing parts.
- Do not disassemble luminaire beyond cap removal to facilitate lamp and/or accessory installation or replacement.
- Remove any debris accumulated in the cap periodically.
- Do not install luminaire within 10 feet of a pool, spa, or fountain.
- Have fixture installed in accordance with all applicable installation codes and standards by a person familiar with the construction and operation of the fixture and the hazards involved.
- Consult a qualified electrician to ensure correct branch circuit conductor.
- Use only cable rated for low voltage. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.

Installation

- Thread the FL16 on to an appropriate mount, and install mount in the ground, per the mounts installation instructions. See the FL16 Label or specification sheet for mount and lamp limitations.
- Run the appropriate cable to the FL16 per applicable standards and codes.
- Connect the FL16 Fixture Leads to the power supply cable using the appropriate connectors (not supplied), per applicable codes. It is recommended that water tight connectors be used. Note: Be sure the power being supplied by the power supply leads matches the rating on the FL16 Label.
- Install lamp and accessories as described below.

Lamp Maintenance

- Remove power from fixture and let cool before touching. **Caution! fixture may still be hot!**
- Loosen the Cap Set Screw using a 3/32" hex tool – **do not remove screw!**
- Remove the Cap. Holding the Body and twisting the Cap while removing reduces the risk of damaging the O-ring or bending the Stem and Canopy.
- Inspect O-ring for damage. Replace if necessary.
- Caution! Lamp may still be hot!** Be sure lamp has cooled before touching.
- Pull lamp straight out.
- Inspect socket for any damage.
- Clean inside of fixture and Cap with a clean dry cloth.
- Push new lamp straight in, being careful to align pins. Note: Replacement lamp must not exceed ratings of the luminaire. Read the label inside of the luminaire body for appropriate lamp type and ratings.
- Install Cap on fixture by pushing and twisting slowly. If O-ring is excessively dry, use a small amount of Krytox lubricant.
- Tighten Cap Set Screw with the 3/32" hex tool so that is just bottoms out. **Do not over tighten the Cap Set Screw!** This may cause the fixture to not seal properly.

Accessory Maintenance

- Remove power from fixture and let cool before touching. **Caution!**

Fixture may still be hot!

- Loosen the Cap Set Screw using a 3/32" hex tool – **do not remove screw!**
- Remove the Cap. Holding the Body and twisting the Cap while removing reduces the risk of damaging the O-ring or bending the Stem and Canopy.
- Inspect O-ring for damage. Replace if necessary.
- Remove Accessory Clip from Cap.
- Carefully remove Accessories from Cap, if any.
- Inspect Cap, Accessories, and Clip for damage. Replace if necessary.
- Clean Cap and Accessories with a clean, damp cotton cloth.
- Carefully install new Accessories into Cap (Cap may hold up to 3 Accessories).
- Compress Clip and push into Cap until it holds Accessories tightly in Cap.
- Install Cap on fixture by pushing and twisting slowly. If O-ring is excessively dry, use a small amount of Krytox lubricant.
- Tighten Cap Set Screw with the 3/32" hex tool so that is just bottoms out. **Do not over tighten the Cap Set Screw!** This may cause the fixture to not seal properly.

